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Access DB# 33637

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: _____ Examiner # : _____ Date: _____
Art Unit: _____ Phone Number 30 _____ Serial Number: _____
Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc. if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher <u>PUB</u>	NA Sequence (#) _____	STN _____
Searcher Phone #. _____	AA Sequence (#) _____	Dialog _____
Searcher Location. _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Date Completed: <u>3-5-01</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time _____	Patent Family _____	WWW/Internet _____
Online Time _____	Other _____	Other (specify) _____

STIC-Biotech/ChemLib

33637

From: Steadman, David (AU1652)
Sent: Tuesday, January 23, 2001 7:33 AM
To: STIC-Biotech/ChemLib
Subject: 09/371347SEQ SEARCH

NAME: David Steadman
AU: 1652
Date: 01/23/01
Room: 8B-11

(10001)
MB

Please search the following 6 sequence(s) in commercial databases as well as in allowed and pending files for interference:

nucleic acid

SEQ ID NO:1, 41

Also, if possible, search deletion mutants as follows: SEQ ID NO:1 with nucleotides 1675-1678 deleted and SEQ ID NO:1 with nucleotides 1726-1728 deleted.

amino acid

SEQ ID NO:2, 42

Thank you,
David Steadman

Point of Contact:
Barb O'Bryen
Technical Info. Specialist
CMT 12014 Tel: 303-4291

adaptor: GGCAAGAC(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies).

BASE COUNT	149 a	112 c	137 g	129 t	1 others
ORIGIN					

Query Match	20.0%	Score 419.8	DB 106	Length 528
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Matches 421; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0

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LOCUS	AV659098
DEFINITION	AV659098 GJC Homo sapiens cDNA clone GJCFTD09 3', mRNA sequence.
ACCESSION	AV659098
VERSION	AV659098.1
KEYWORDS	EST.
SOURCE	human.
ORGANISM	Homo sapiens
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
AUTHORS	1 (bases 1 to 424)
	Qian, B., Wu, T., Huang, Q., Kang, B., Gao, X., Xu, Z., Xiao, H., Xu, X., Li, N., Peng, Y., Liu, F., Qu, J., Song, H., Cheng, Z., Qu, J., Zeng, L., Xu, S., Gu, W., Tu, Y., Jia, J., Fu, G., Ren, S., Zhong, M., Lu, G., Yang, Y., Gu, Y., Chen, Z., and Han, Z.
TITLE	Homo sapiens cDNA clone
JOURNAL	Unpublished (2000)
COMMENT	Contact: Zeguang Han Chinese National Human Genome Center at Shanghai 351 Guo Shoujing Road, Zhangjiang Hi-Tech Park, Pudong, Shanghai 201203, P. R. China Tel: 86-21-50801919(ex.45) Fax: 86-21-50801922 Email: hanzg@cnhgc.sh.cn

Query Match	19.6%	Score 411.8	DB 38	Length 424
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QY 1602	tgaacctcacaatcccatcatcaatagtggtgtccaggaacgggcataagcccgcttatgtg	1661		
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QY 1662	gtt 1664			
Db 421	GTT 423			

RESULT 8
AA35500

1

RESULT
AA29726
361 TAA
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AA29726
2992d10.r1
Similar to NP:
Sequence

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DEFINITION	Jurkat T-cells V Homo sapiens cDNA 5' end similar to	
ACCESSION	M355001	similar to nitric oxide synthase, mRNA sequence.
VERSION	M355001.1	GI:2007391
KEYWORDS	EST,	
SOURCE	human	
ORGANISM	Homo sapiens	
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	Mammalia; Euhetia; Primates; Catarrhini; Homnidae; Homo.	
REFERENCE	1 (bases 1 to 368)	
AUTHORS	Adams,M.D., Kerlavage,A.R., Fleischmann,R.D., Fuldner,R.A., Bult	

TITLE	Initial assessment of human gene diversity and expression patterns based upon 83 million nucleotides of cDNA sequence
JOURNAL	Nature 377 (6547 Suppl), 3-174 (1995)
MEDLINE	96026280
COMMENT	Other_ESTs: THC92538

The Institute for Genomic Research
9712 Medical Center Drive, Rockville, MD 20850 USA
Tel: 3018699056
Fax: 3018699423
Email: arckerlaw@tigr.org
For clone availability, additional sequence and expression
information related to this EST, please check the TIGR Human Gene
Index (<http://www.tigr.org/tcdb/hg/hgi.html>)
Seq primer: M3 Reverse.

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ORIGIN		

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Best Local	Similarity	98.1%	Pred. No. 1.2e-91		
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				Indels	1
				Gaps	1
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Oy	1491	tgtctcagttctctcaagccaacatacatgcatccatccaatgaagacagc-gggaaagccctcg	1549
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Db	361	GTCTTAG 368	

RESULT	9
AM952883	
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DEFINITION	526 bp mRNA
ACCESSION	F8364993 MAGE Resequences, MCB Homo sapiens CDNA, mRNA sequence
VERSION	AM952883
KEYWORDS	AM952883.1 GI:8142566
SOURCE	EST.
ORGANISM	human. Homo sapiens

TITLE	Assessment of gene expression patterns in a model of colon tumor metastasis using a 19,200 element cDNA microarray
JOURNAL	Unpublished (2000)
COMMENT	Contact: John Quackenbush

COMMENT

Contact: John Quackenbush
The Institute for Genomic Research
9712 Medical Center Dr., Rockville, MD 20850, USA
Tel: 301 838 3528
Fax: 301 838 0208
Email: johnq@tigr.org
Plate: 44
Seq primer: Reverse.

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ORIGIN	142 g	136 t

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RESULT 2
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 REFERENCE 1 (bases 1 to 3291)
 Leclerc, D., Odievre, M., Wu, O., Wilson, A., Huijzen, J.J., Rozen, R., Scherer, S.W. and Gravel, R.A.
 Molecular cloning, expression and physical mapping of the human methionine synthase reductase gene
 Gene 240 (1), 75-88 (1999)
 2 (bases 1 to 3291)
 Leclerc, D., Odievre, M., Wu, O., Wilson, A., Huijzen, J.J., Rozen, R., Scherer, S.W., Shoubridge, E.A., Rosenblatt, D.S., Scherer, S.W., Rozen, R. and Gravel, R.A.
 Direct Submission
 Submitted (18-JAN-1999) Human Genetics, Montreal Children's Hospital, 4060 Ste-Catherine West, Montreal, Quebec H3Z 2Z3, Canada
 AUTHORS
 TITLE
 JOURNAL
 FEATURES
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 /note="alternatively spliced; alternative splicing results in extended 5' sequence compared to GenBank accession Number AF025794; B12 vitamin; cblE complementation group"
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